



5.
JT-6 (7777*6)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: NADIM JONI SHAH *ET AL.*)
SERIAL NO. 09/742,470) ART UNIT: TO BE ASSIGNED
FILED: DECEMBER 21, 2000) EXAMINER: TO BE ASSIGNED
FOR: TECHNIQUE TO EXAMINE AN OBJECT))

Asst. Commissioner for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST-CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASST. COMMISSIONER FOR PATENTS, WASHINGTON D.C. 20231 ON THIS
23rd DAY OF April 2001. BY: Carrie A. McPhayes

PRELIMINARY AMENDMENT

Sir:

Prior to fee calculation and examination please amend the above-identified application as follows.

In the Claims

Please cancel claims 1-8.

Please add the following new claims.

- -9. A process to examine at least one object, which comprises detecting properties of the object by various measurements within a spatial-frequency space formed by spatial frequencies, wherein said various measurements are taken in overlapping areas of the spatial-frequency space and in additional areas of the spatial-frequency space that differ from each other.
10. The process according to claim 9, wherein said measurements of the areas take place with at least three different detection rates of occurrence.
11. The process according to claim 9, wherein said areas that overlap cover a central region of the spatial-frequency space.
12. The process according to claim 9, wherein the additional areas in the spatial-frequency space are at a distance from each other that is greater than their spatial-frequent extension in the direction of this distance.

13. The process according to claim 9, wherein the additional areas of spatial-frequency space extend, at least partially, parallel to each other.
14. The process according to claim 9, wherein elements of the detected areas form a disjunctive set in at least one measurement.
15. The process according to claim 14, wherein disjunctive elements extend, at least partially, parallel to each other in the spatial-frequency space.
16. The process according to claim 9, wherein the measurements are carried out in such a way that a cycle is formed in which at least some of the areas of the spatial-frequency space that differ from each other are once again detected in additional measurements. - -

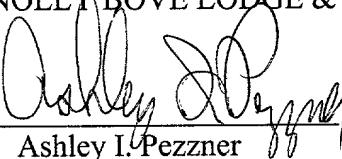
REMARKS

The applicants respectfully request that the preliminary amendment be entered prior to fee calculation and examination. The applicants have rewritten the claims 1-8 in the proper U.S. form as newly added claims 9-16. No additional fee is due. If there are any additional fees due in connection with the filing of this response, the Commissioner is authorized to charge or credit any overpayment to Deposit Account No. 03-2775.

A prompt and favorable action is solicited.

Respectfully submitted,

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